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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known	
Application Number	Not Yet Assigned
Filing Date	Herewith
First Named Inventor	Daniel E. Resasco et al.
Group Art Unit	1754
Examiner Name	S. Hendrickson
Attorney Docket Number	5820.645

(use as many sheets as necessary)

U. S. PATENT DOCUMENTS						
EXAM INIT.	Cite No. 1	U.S. PATENT NUMBER Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD- YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
JLJ	AA	3746657		Miller et al.	07/17/1973	
	AB	4456694		Blaskie et al.	06/26/1984	
	AC	4574120		Thompson	03/04/1996	
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EXAM INIT.	Cite No. 1	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM- DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
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520	CA		PCT/US00/15362		International Search Report	10/17/2000	

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		Office 3 known)	Number 4	Kind Code5 (if				
500	CB		PCT/US02/23155		International Search Report	07/21/2003		
	CC		WO 97/09272		PCT/US	03/13/1997		
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	CE		WO 00/73205		PCT/US	12/07/2000		
	CF		WO 98/42620		PCT/JP	10/01/1998		A
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✓	CH		406122489		Japan	05/1994		X

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NON PATENT DOCUMENTS

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500	DA	ALVAREZ, ET AL., "Synergism of Co and Mo in the catalytic production of single-wall carbon nanotubes by decomposition of CO", <i>Elsevier Science Ltd.</i> , Carbon 39 (2001), pp. 547-558.
	DB	ANDERSON et al., "50 nm Polystyrene Particles via Miniemulsion Polymerization", <i>Macromolecules</i> , American Chemical Society, vol. 35, pp. 574-576, 2002.
	DC	BANDOW ET AL., "Effect of the Growth Temperature on the Diameter Distribution and Chirality of Single-Wall Carbon Nanotubes", <i>The American Physical Society</i> , Physical Review Letters, Vol. 80, No. 17, (1998), pp. 3779-3782.
✓	DD	BETHUNE et al. "Cobalt-Catalysed Growth of Carbon Nanotubes with Single-Atomic-Layer Walls", <i>Letters to Nature</i> , vol. 363, pp. 605-607, 06/17/1993.

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	DI	CHATURVEDI ET AL., "Properties of pure and sulfided NiMoO ₄ and CoMoO ₄ catalysts: TPR, XANES and time-resolved XRD studies", Database Accession No. EIX99044490981 XP002246342, Proceedings of the 1997 Mrs Fall Symposium, Boston, MA, USA, December 2-4, 1997; Mater Res Soc Symp Proc, Materials Research Society Symposium-Proceedings, Recent Advances in Catalytic Materials, 1998, Mrs. Warrendale, PA, USA.
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↓	EA	CHENG et al., "Large-Scale and Low-Cost Synthesis of Single-Walled Carbon Nanotubes by the Catalytic Pyrolysis of Hydrocarbons", Applied Physics Letters, vol. 72, no. 25, pp. 3282-3284, 06/22/98.

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344	EB	DAI et al., "Single-Wall Nanotubes Produced By Metal-Catalyzed Disproportionation of Carbon Monoxide", Chemical Physics Letters, vol. 260, pp. 471-475, 09/27/1996.
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	ED	DE BOER ET AL., "The cobalt-molybdenum interaction in CoMo/SiO ₂ catalysts: A CO-oxidation study", Elsevier Science Ltd., Solid State Ionics 63-65 (1993), pp. 736-742.
	EE	DENG et al., "Hybrid Composite of Polyaniline Containing Carbon Nanotube", Chinese Chemical Letters, vol. 12, pp. 1037-1040, 2001.
	EF	FONSECA et al., "Synthesis of single-and multi-wall carbon nanotubes over supported catalysts", Applied Physics A, vol. 67, pp. 11-22, 1998.
	EG	FRANCO et al., "Electric and magnetic properties of polymer electrolyte/carbon black composites", Solid State Ionics 113-115, pp. 149-160, 1998.
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	EI	GONG et al., "Surfactant-Assisted Processing of Carbon Nanotube/Polymer Composites", Chemical Material, vol. 12, pp. 1049-1052, 2000.
	EJ	GOVINDARAJ et al., "Carbon structures obtained by the disproportionation of carbon monoxide over nickel catalysts", Materials Research Bulletin, vol. 33, no. 4, pp. 663-667, 1998.
	EK	HAFNER et al., "Catalytic growth of single-wall carbon nanotubes from metal particles", Chemical Physics Letters, vol. 296, pp. 195-202, 1998.
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	FA	HERNADI et al., "Catalytic synthesis of carbon nanotubes using zeolite support", Elsevier Science Inc. 1996.
✓	FB	HWANG et al., "Carbon nanotube reinforced ceramics", Journal of Materials Chemistry, vol. 11, pp. 1722-1725, 2001.

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SLP	FC	HYPERION CATALYSIS INTERNATIONAL Website; http://www.fibrils.com/esd.htm ;"Unique Slough Resistant SR™ Series ESD Thermoplastic Product Line Offers Reduced Particle Contamination For Demanding Electronic Applications," and Hyperion Homepage http://www.fibrils.com .
1	FD	IIJIMA, "Helical Microtubules of Graphitic Carbon", Letters to Nature, vol. 354, pp. 56-58, 11/07/1991.
	FE	IIJIMA et al., "Single-Shell Carbon Nanotubes of 1-nm Diameter", Letters to Nature, vol. 363, pp. 603-605, 06/17/1993.
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	FG	JIN et al., "Alignment of Carbon nanotubes in a polymer matrix by mechanical stretching", Applied Physics Letters, vol. 73, no. 9, pp. 1197-1199, 08/31/1998.
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	FK	LANDFESTER et al., "Miniemulsion polymerization", 6/4/2003, http://www.mpikg-golm.mpg.de/kc/landfester/ , 1-22
	FL	LANDFESTER, "Polyreactions in Miniemulsions", Macromol. Rapid Commun., vol. 22, no. 12, pp. 896-936, 2001.
	GA	LANDFESTER, "The Generation of Nanoparticles in Miniemulsions", Advanced Materials, vol. 13, no. 10, pp. 765-768, 05/17/2001.
✓	GB	LI et al., "Large-Scale Synthesis of Aligned Carbon Nanotubes", Science, vol. 274, pp. 1701-1703, 12/06/1996.

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SVA	GC	McCARTHY et al., "A Microscopic and Spectroscopic Study of Interactions between Carbon Nanotubes and a Conjugated Polymer", J. Phys. Chem. B, vol. 106, pp. 2210-2216, 2001.
	GD	NIYOGI et al., Communications to the Editor, "Chromatographic Purification of Soluble Single-walled Carbon Nanotubes (s-SWNTs)", J. Am. Chem. Soc., vol. 123, pp. 733-734, 2001.
	GE	POMPEO et al., "Water Solubilization of Single-Walled Carbon Nanotubes by Functionalization with Glucosamine", Nano Letters, American Chemical Society, vol. 2, no. 4, pp. 369-373, 2002.
	GF	QIAN et al., "Load transfer and deformation mechanisms in carbon nanotube-polystyrene composites", Applied Physics Letters, American Institute of Physics, vol. 76, no. 20, pp. 2868-2870, 05/15/2000.
	GG	RAZAVI, "Metallocene catalysts technology and environment", Chemistry 3, pp. 615-625, 2000.
	GH	RINZLER et al., "Large-Scale Purification of Single-Wall Carbon Nanotubes: Process, Product, and Characterization," Applied Physics A, vol. 67, pp. 29-37, 1998.
	GI	SEARS et al., "Raman scattering from polymerizing styrene. I. Vibrational mode analysis ^{a)} ", J. Chem. Phys., vol. 75, no. 4, pp. 1589-1598.
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V	HA	TIARKS et al., "Silica Nanoparticles as Surfactants and Fillers for Latexes Made by Miniemulsion Polymerization", Langmuir, American Chemical Society, vol. 17, pp. 5775-5780, 2001.

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	HC	Yakobson et al.; "Fullerene Nanotubes: C _{1,000,000} and Beyond," American Scientist, vol. 85, pp. 324-337, Jul-Aug 1997.
	HD	ZHAO, et al., "Chromatographic Purification and Properties of Soluble Single-Walled Carbon Nanotubes", American Chemical Society, Page Est: 4.1, pp. A-E, 02/22/2001.
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	HF	US 20020165091 A1, Resasco et al., Publication Date 11/07/2002.
	HG	US 20020127169 A1, Smalley et al., Publication Date 09/12/2002.
	HH	US 20010031900 A1, Margrave et al., Publication Date 10/18/2001.
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